

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

William A. Goldman et al.

Filing Date:

September 23, 2003

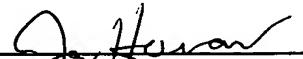
Title:

**METHOD OF ASSAYING DOWNHOLE
OCCURRENCES AND CONDITIONS**

This application is a continuation of U.S. Patent Application
Serial No. 10/133,078 filed April 26, 2002.

I hereby certify that this Information Disclosure
Statement is being deposited with the United
States Postal Service as Express Mail #EV
341126896 US addressed to: Commissioner for
Patents, P.O. Box 1450, Alexandria, VA
22313-1450, on the date shown below.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Jay Howard

9-23-03

Date

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants respectfully request that the references listed on the attached PTO-1449 form, and previously cited in U.S. Patent Application Serial No. 10/133,078 filed April 26, 2002, be considered and cited in the examination of the above-identified application. Pursuant to 37 C.F.R. § 1.98(d), copies of the references are not being furnished. Furthermore, pursuant to 37 C.F.R. §§1.97(g) and (h), no representation is made that these references are material to the patentability of the present application.

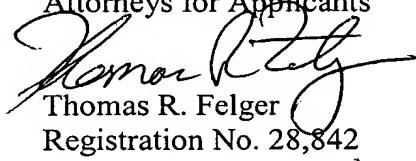
Applicants believe no fee is due at this time, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-2148 of BAKER BOTTS L.L.P. in order to effectuate this filing.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512.322.2599.

Respectfully submitted,

BAKER BOTTS L.L.P.

Attorneys for Applicants



Thomas R. Felger
Registration No. 28,842

Date: 23 SEPT 2003

CORRESPONDENCE ADDRESS:

Customer No. **31625**
512.322.2599

PTO-1449 Information Disclosure Citation in an Application	Application No.	Applicant(s)	
	Unsigned	William A. Goldman et al.	
	Docket Number	Group Art Unit	Filing Date
	063718.0282	Unsigned	September 23, 2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	3742966	8/1973	Foy et al.	175	40	
B.	4064749	12/1977	Pittman et al.	73	152	
C.	4627276	12/1986	Burgess et al.	175	39	
D.	4685329	8/1987	Burgess	175	39	
E.	4694686	9/1987	Fildes et al.	324	71	
F.	4845628	7/1989	Gray et al.	702	9	
G.	4914591	4/1990	Warren et al.	175	40	
H.	4926686	5/1990	Fay	175	39	
I.	4981037	1/1991	Holbrook et al.	166	250	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
J.	0466255	1/1992	EP				
K.							
L.							
M.							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
N.	E.M. Galle and H.B. Woods, "Best Constant Weight And Rotary Speed For Rotary Rock Bits", pp. 48-73, API Drilling and Production Practice,	1963
O.	R. Teale, "The Concept Of Specific Energy In Rock Drilling", p. 57-63, International Journal of Rock Mechanics, Mining Sciences, vol. 2, Great Britain	1965
P.	R.C. Pessier, M.J. Fear, "Quantifying Common Drilling Problems With Mechanical Specific Energy and A Bit-Specific Coefficient Of Sliding Friction", pp. 373-388, SPE Paper 24584, Washington, D.C	Published Oct. 1982
Q.	Kenneth L. Mason, "3-Cone Bit Selection With Sonic Logs", pp. 135-142, SPE Drilling Engineering, Jun. 1987, first published Sep. 1984 in Houston, Texas	Published Sep. 1984
R.	Allen D. Gault, "Measurement of Drilling Properties", pp. 143-148, SPE Drilling Engineer, Jun. 1987, published New Orleans, Louisiana, Mar. 1985	Mar. 1985

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449 Information Disclosure Citation in an Application	Application No.	Applicant(s)		
	Unassigned	William A. Goldman et al.		
	Docket Number 063718.0282	Group Art Unit	Filing Date	

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.		5012674	5/1991	Millheim et al.	324	201	
B.		5282384	2/1994	Holbrook	702	12	
C.		5305836	4/1994	Holbrook et al.	175	26	
D.		5415030	5/1995	Jogi et al.	175	39	
E.		5442950	8/1995	Unalmiser et al.	73	152	
F.		5449047	9/1995	Schivley, Jr.	173	11	
G.							
H.							
I.							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
J.								
K.								
L.								

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
M.	T.M. Burgess, W.C. Lesso, "Measuring The Wear Of Milled Tooth Bits Using MWD Torque And Weight-On-Bit", SPE/IADC 13475, pp. 453-458 for pages illustration, published Mar. 1985, New Orleans, Louisiana	Published Mar. 1985
N.	Philip Holbrook, Michael Hauck, "Petrophysical--Mechanical Math Model Real-Time Wellsite Poor Pressure/Fracture Gradient Prediction", SPE Pub. No. 16666, published Sep. 1987 in Dallas, Texas	Published Sep. 1987
O.	David A. Glowka, "Use of Single-Cutter Data in the Analysis of PDC Bit Designs: Part I--Development of a PDC Cutting Force Model", pp. 797-849, JPT,	Aug. 1989
P.	David A. Glowka, "Use of Single-Cutter Data in the Analysis of PDC Bit Designs: Part II--Development of PDC WEAR Computer Code", pp. 850-859, JPT,	Aug. 1989
Q.	E. Detournay, P. Defourny, "A Phenomenological Model for the Drilling Action of Drag Bits", pp. 13-23, International Journal of Rock Mechanics, Mineral Sciences and Geomechanical Abstracts, vol. 29, No. 1, printed in Great Britain.	1992
R.	J.P.R. Sparr and L.W. Ledgerwood, Harvey Goodman, R.L. Graff and T.J. Moo, "Formation Compressive Strength Estimates for Predicting Drillability and PDC Bit Selection", pp. 569-578, SPE/IADC 29397, published Feb. 1995, Amsterdam, Netherlands	Published Feb. 1995

EXAMINER	DATE CONSIDERED

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